

Listing of Claims:

1. (Previously Presented) A medicament dispenser, comprising:

a medicament supply;

an ejector having a performance characteristic, the ejector being in fluid communication with the medicament supply;

an accumulator in fluid communication with the ejector;

a sensor configured to sense medicament pressure within the accumulator;

a valve intermediate the medicament supply and the accumulator, the valve configured to open and close in response to a sensed medicament pressure within the accumulator to regulate medicament pressure at the ejector;

and

a controller configured to actuate the ejector using an operational parameter to produce a plurality of medicament drops having target drop characteristics, the operational parameter including a correction factor based on the performance characteristic of the ejector.

2. (Cancelled)

3. (Cancelled)

4. (Previously Presented) The medicament dispenser of claim 1, further comprising a compliant member that regulates pressure within the accumulator.

5. (Previously Presented) The medicament dispenser of claim 1, wherein the controller is configured to operate the valve to increase the medicament pressure within the accumulator.

Page 2 - RESPONSE TO FINAL OFFICE ACTION
Serial No. 10/777,449
HP Docket No. 200309745-1
KH Docket No. HPCC 3B3

6. (Original) The medicament dispenser of claim 1, wherein the performance characteristic of the ejector includes ejected drop volume.
7. (Original) The medicament dispenser of claim 1, wherein the performance characteristic of the ejector includes ejected drop weight.
8. (Original) The medicament dispenser of claim 1, wherein the operational parameter includes drop ejection frequency.
9. (Original) The medicament dispenser of claim 1, wherein the operational parameter includes number of drops ejected.
10. (Original) The medicament dispenser of claim 1, wherein the operational parameter includes medicament pressure.
11. (Original) The medicament dispenser of claim 1, wherein the operational parameter includes ejector temperature.
12. (Original) The medicament dispenser of claim 1, wherein the operational parameter includes a static correction factor.
13. (Original) The medicament dispenser of claim 1, wherein the operational parameter includes a dynamic correction factor.

14. (Previously Presented) An inhaler, comprising:

- a medicament supply;
- a medicament accumulator in fluid communication with the medicament supply;
- a compliant member fluidically coupled to the medicament accumulator;
- a valve intermediate the medicament supply and the medicament accumulator;
- a sensor configured to sense a medicament pressure within the medicament accumulator;

an ejector in fluid communication with the medicament accumulator, wherein the ejector has a performance characteristic; and

a controller configured to apply a correction factor to an operational parameter of the ejector, wherein the correction factor is determined by the performance characteristic of the ejector.

15. (Previously Presented) A method of calibrating a medicament inhaler to a target output characteristic, the medicament inhaler having a medicament supply, a medicament accumulator in fluid communication with the medicament supply, a sensor configured to sense medicament pressure within the accumulator, a valve intermediate the medicament supply and the medicament accumulator, a medicament ejector in fluid communication with the medicament accumulator, and a controller configured to open and close the valve in response to a sensed medicament pressure within the accumulator, the method comprising:

manufacturing the medicament inhaler;

characterizing the output of the inhaler;